SONY VAIO

VGN-FE890N/H

VAIO® FE Series Notebook PC

Powerful entertainment and computing performance.

CUTTING-EDGE PERFORMANCE

The VAIO® FE Notebook is an Intel® Centrino® Duo platform with an Intel® Core™ 2 Duo processor for outstanding multi-tasking performance. It also boasts hardware solutions to power you through your most demanding tasks, including a Serial ATA hard drive and advanced DDR2 memory for ultra high-speed computing with low power consumption.

EXCEPTIONAL ENTERTAINMENT EXPERIENCE

The VAIO® FE Notebook features a wider, brighter 15.4" widescreen display [11] with XBRITE-ECO™ LCD technology. Screen movies with extraordinary color purity and saturation, even in the bright light of day.

CONNECTIVITY FOR ALL YOUR NEEDS

The VAIO® FE Notebook supports ExpressCard™ , an emerging standard in smaller, faster PC card solutions. The VAIO FE also includes S-video, enabling convenient connectivity to TVs, cameras, projectors and more, while integrated 802.11 a/b/g/ wireless LAN[3] makes it possible for you to easily connect to a broad range of networks and peripherals both inside and outside of the office.

MESSAGING

Increase your connectivity options with 802.11a/b/g integrated wireless LAN[3] .
Integrated camera and microphone lets you chat and video mail with family and friends[12] .
Enjoy thrilling graphics and exceptional DVD viewing with 15.4" widescreen[11] display with XBRITE-ECO™ LCD technology.
Cutting-edge mobile performance with Intel® Centrino® Duo with Intel® Core™ 2 Duo processor.
Edit and burn customized DVDs using DVD±R Double Layer/DVD±RW drive [4] and Click to DVD® software.

Work and play go hand-in-hand with the VAIO® FE Notebook, combining cutting-edge performance with ample workspace while maintaining a slim, lightweight design. With a super-fast Intel® Core™ 2 Duo processor and a stunning 15.4" widescreen display[11] , you can take full advantage of Windows Vista™ Business and exceptional picture and sound.

intel Centrino Duo Core 2 Duo inside

Windows Vista Business

XBRITE-ECO™

like.no.other™

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Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, S2 (programmable), Volume and Mute
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Camera: Built-in camera and microphone

Processor

Type: Intel®Core™ 2 Duo Processor T5500
Speed: 1.66GHz[1]
Front Side Bus Speed: 667MHz
L2 Cache: 2MB Advanced Smart Cache
Technology: Intel®Centrino®Duo Mobile Technology

Memory

Type: DDR2
Installed: 2GB (1GBx2) PC2-5300
Maximum: 2GB
Speed: 667MHz

Hard Drive

Capacity: 160GB[2]
Speed: 4200rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max.
DVD+R Write: 8x max.
DVD+RW Write: 8x max.
DVD-R Write: 8x max.
DVD-RW Write: 6x max.
CD-R Write: 24x max.
CD-RW Write: 16x max.
DVD±RW: Yes[4] (DVD±R DL/DVD±RW/DVD-RAM)
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 4x max.
DVD-RAM Read: 5x max.

Expansion Slots

Multimedia Card Reader: Memory Stick Duo™ media with MagicGate® functionality
ExpressCard™ /34 Slot: 5-in-1 Memory Card Adaptor (VGP-MCA20) supporting Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card, and MultiMediaCard (MMC)
PCMCIA - Type II/Type I card slot with CardBus support

Audio

Sound System: Sony®Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD
Screen Size: 15.4"[11]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes

Graphics

Processor: NVIDIA®GeForce®Go 7400 notebook graphics processing unit (GPU)
Video RAM: 335MB Total Available Graphics Memory[13]
Chipset: Intel®945GM
Interface: VGA Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1
Headphone Jack: 1
Memory Stick® Media Slot: 1
Modem Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
Express Card™ Slot: /34 x 1
i.LINK®Connection: 1(4-pin) interface[6]

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel®PRO/Wireless 3945ABG Network Connection (802.11a/b/g)[3]

Power

Battery Type: Standard Lithium-ion Battery (VGP-BPS2B)
Estimated Battery Life: TBD[7]
Power Requirements: 110W+10%

Software

Operating System: Windows Vista™ Business
Internet Services: AOL®90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft®Works 8.5
60-Day Trial Version of Microsoft®Office 2007[10]
Sony®Original Software: Click to DVD®- DVD Creation
*Please access VAIO®Help and Support from your PC for a complete list of software applications and trials.
Security and Anti-Virus Software: Norton®Internet Security™ 2007 60-Day trial with spyware protection.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[9]
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service[8]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 6.17 lbs with standard battery (weight is approximate and may vary)
Measurements: 14.41" (W) x 1.02" -1.39" (H) x 10.81" (D)

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS2B)
AC adapter (VGP-AC19V13)
Memory Card Adapter (VGP-MCA20)
Power Cord

Optional Accessories

Multi Function Docking Station (VGP-PRFE1)
Multi Function Bay Drive, 4 USB 2.0, GB Ethernet, DVI-D, VGA out, RCA Video out, S-Video out and Kensington lock
DVD R Double Layer/DVD±RW Drive[4] Bay Unit (VGP-DRWBX1)
Additional Standard Capacity Battery (VGP-BPS2C)
Large Capacity Battery (VGP-BPL2C)
AC Adapter (VGP-AC19V10)
Battery Charger (VGP-BC1)
Wireless Presentation Mouse (VGP-WMS50)
Neoprene Notebook & AC Adapter (VGP-AMC3)
Bluetooth®Adapter[5] (PCGA-BA2)

Color: Gray
UPC Code: 027242712980

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point(s). Some features may rely on Internet service which may require a fee.
4. DVD Media/Formats are not universally compatible.
5. Interoperability among Bluetooth® devices varies.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions.
8. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
9. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
10. The Microsoft Office 2007 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
11. Viewable area measured diagonally.
12. Broadband Internet service required along with third-party services which may require a subscription fee or other service fee.
13. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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Printed in U.S.A. 01/07.